

ABSTRACT OF THE DISCLOSURE

A method for improving signaling efficiency and load balancing in a non-broadcast, multiple access network environment. The standard next hop resolution protocol (NHRP) essentially is extended to provide peer to peer, i.e.,
5 source station to destination station, communication regarding resource availability and internetwork layer address to NBMA subnetwork layer address resolution, rather than client-server communication between a source station and a server that communicates with the source station on behalf of the destination station, as is the case in standard NHRP.

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